

## Bioaugmentation for the sludge reduction in the WWTP of Kastoria, Greece

In October 2014, the municipality of Kastoria and Alphabio agreed to the application of bioaugmentation in the municipal wastewater treatment plant. The plant has an average flowrate of 8,000 m<sup>3</sup>/d which is fluctuating due to heavy seasonal rains (12,000-15,000 m<sup>3</sup>/d). With the everyday use of BIO-M product and the change of key operating parameters, the plant achieved extremely low effluent values for TN, TP, BOD, COD, and TSS and also surplus sludge minimization. The plant occasionally receives particularly heavy wastewaters, originating from tanneries, which can be now treated efficiently without compromising the effluent quality.

